

2014 CALENDAR



























NERSC: 40 YEARS AT THE FOREFRONT

In 1974, an almost-obsolete supercomputer once used for defense research was made available to support the fusion energy research community, the first time such a powerful computing resource was used for unclassified scientific computing. That start as the Controlled Thermonuclear Research Computer Center marked the launch of what today is known as the National Energy Research Scientific Computing Center at Lawrence Berkeley National Laboratory (Berkeley Lab).

Located at Lawrence Livermore National Laboratory from 1974-96, the center was renamed the National Magnetic Fusion Energy Computing Center (NMFECC) in 1976, and in 1983 it began providing a fraction of its computing cycles to other research areas. To reflect its increasingly broad scientific mission, the center was christened the National Energy Research Supercomputer Center in 1990. The center moved to Berkeley Lab in 1996 and, while keeping the acronym NERSC, was renamed the National Energy Research Scientific Computing Center.

Through the years, NERSC's mission has remained consistent: to accelerate the pace of scientific discovery by providing high-performance computing, information, data, and communications services to the DOE Office of Science community. NERSC supports large-scale, state-of-the-art computing, storage, and networking for unclassified research programs in high-energy physics, biological and environmental sciences, basic energy sciences, nuclear physics, fusion energy sciences, mathematics, and computational and computer science.

NERSC currently serves more than 4,700 users from universities, national laboratories, and industry worldwide, supporting one of the largest and most diverse research communities of any computing facility. Over its 40-year history, the facility and its staff have developed an outstanding reputation for providing both high-end computing systems and comprehensive scientific client services.

Here's to another 40 years at the forefront!



































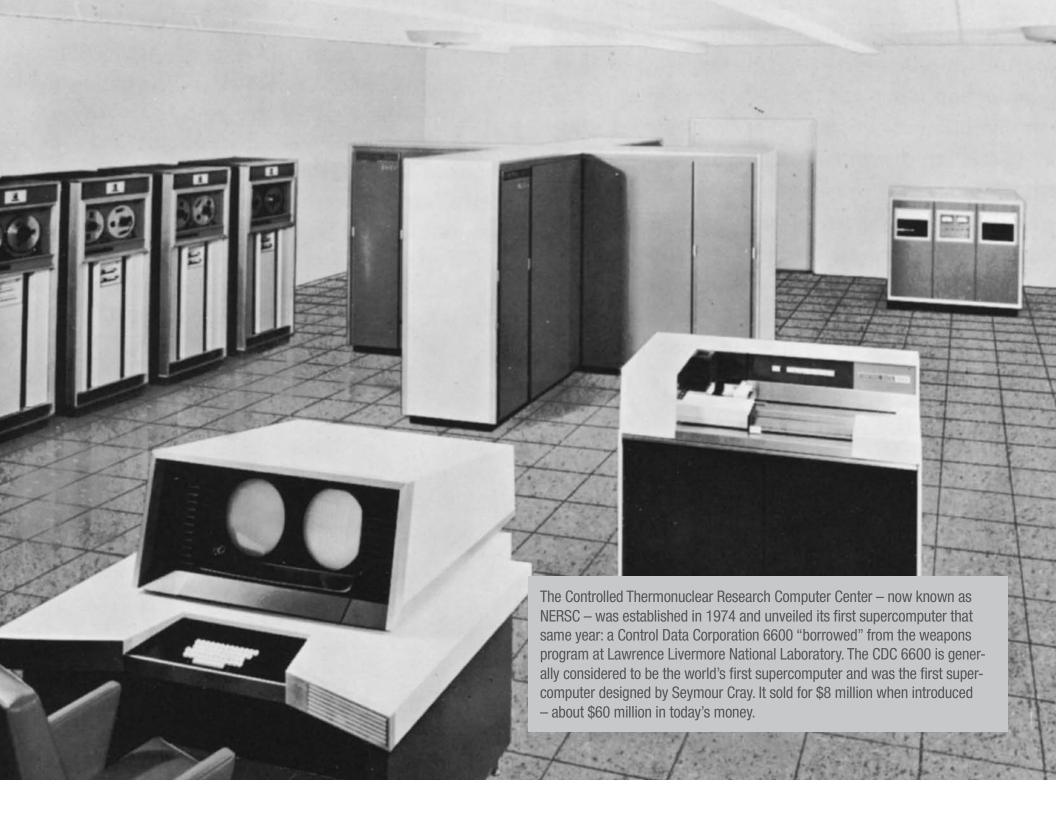
Moon phases (based on Universal Time):

= New Moon

= First Quarter

= Last Quarter

= Full Moon



JANUARY 2014

S	M	Т	W	Th	F	S
			1	2	3	4
		_	New Year's Day			
5	6	7	8	9	10	11
12	13	14	15	O 16	17	18
					Benjamin Franklin's Birthday (1706)	
19	20	21	22	23	24	25
	Martin Luther King Jr. Day					
26	27	28	29	30	31	





FEBRUARY 2014

	I		I			
S	M	Т	W	Th	F	S
						1
2	3	4	5 Horst Simon	6	7	8
Groundhog Day			Is Hired as the Third NERSC Director (1996)			
9	10	11	12	13	O 14	15
		Thomas Edison's Birthday (1847)	Lincoln's Birthday		Valentine's Day	
16	17	18	19	20	21	22
	Presidents' Day					Washington's Birthday
23	24	25	26	27	28	





MARCH 2014

S		M	Т	W	Th	F	S
							• 1
	2	3	John Killeen Is Named First Director of the CTRCC (1974)	5	6	7	8
	9	10	11	12	13	14	15
0	16	17	18	19	20 First Day of Spring	21	22
	23	24	25	26	27	28 Cesar Chavez Day	29
	30	31				Cesai Gilavez Day	





APRIL 2014

S	M	T	W	Th	F	S
		1	2	3	4	5
		April Fools' Day				
6	7	8	9	10	11	12
Cray Research Founded (1972)						
13	14	O 15	16	17	18	19
						Glenn Seaborg's Birthday (1912)
20	21	22	23	24	25	26
		First Cray-1 Ships to NMFECC				
27	28		30			





MAY 2014

4 5 6 7 8 9 Cinco De Mayo 11 12 13 14 15 16	S		Th F	Th	W	T	M	S
Cinco De Mayo	3	2	1					
Cinco De Mayo								
	10	9	8	7	1	6	5	4
11 12 13 0 14 15 16							Cinco De Mayo	
	17	16	15	14		13	12	11
Mother's Day								Mother's Day
18 19 20 21 22 23	24	23	22	21		20	19	18
	Oakland Scientific Facility Dedication (2001)							
25 26 27 28 29 30	31	30	29	28		27	26	25





JUNE 2014

S M		T				
		I	W	Th	F	S
1	2	3	4	5	6	7
-	_		-			-
	0	4.0		4.0		4.4
8	9	10	11	12	O 13	14
15	16	17	18	19	20	21
10	10	17	10	10	20	21
Eath aris Day						First Day of Comment
Father's Day						First Day of Summer
22	23	24	25	26	27	28
29	30					
29	30					

In June 1983, the MFECC began allocating 5 percent of its computing time to other disciplines under DOE's Supercomputer Access Program. The time was immediately filled, as the number of hours requested exceeded those available by an order of magnitude.





JULY 2014

S	M	Т	W	Th	F	S
		1	2	3	4	5
	_			10	Independence Day	
6	7	Control Data Corporation Founded (1957)	9	10	11	O 12
13	14	15	16	17	18	19
20	21	C. William McCurdy Takes Over as NERSC's Second Director (1991)	23	24	25	26
27	28	29	30	31		

In July 1974, researchers began using computing resources at the Controlled Thermonuclear Research Computer Center – now known as NERSC – for the first time.





AUGUST 2014

S	M	Л	T	W	Th F		S
						1	2
	3	4	5	6	7	8	9
0	10	11	12	13	14	15	16
	17	18	19	20	21	Sudip Dosanjh Named Fifth Director of NERSC (2012)	23
	24	25	26	27	28	29	30
	31						





The High Performance Storage System has been used at NERSC for archival storage since 1998. Although the hardware has changed over the years, the system's hierarchical storage management software — developed through a collaboration of DOE labs and NERSC in conjunction with IBM — remains. The software enables all user data to be ingested onto high-performance disk arrays and automatically migrated to a large enterprise tape subsystem for long-term storage.

SEPTEMBER 2014

S	M	T	W	Th	F	S
	1	2	3	4	5	6
	Labor Day					
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23 First Day of Autumn	24	25	26	27
Seymour Cray's Birthday (1925)	29	30				





OCTOBER 2014

	I					
S	M	Т	W	Th	F	S
			1	2	3	4
					10	4.4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
	Columbus Day					
19	20	21	22	23	24	25
			NERSC Facility at Berkeley Lab Dedicated (1996)			
26	27	28	29	30	31	
			Kathy Yelick Named Fourth Director of NERSC (2007)		Halloween	





NOVEMBER 2014

			T	T		<u> </u>
S	M	T	W	Th	F	S
						1
			_		_	
2	3	4	5	0 6	7	8
Daylight Savings Time Ends		Election Day			Marie Curie's Birthday (1867)	
9	10	11	12	13	14	15
		Veterans Day				
16	17	18	19	20	21	22
23	24	25	26	27	28	29
				Thanksgiving Day		
20				manksylving Day		
30						
	I		I	I	I	I

In 1997, NERSC named its new Cray T3E-900 supercomputer "MCurie" in honor of Marie Curie, the Polish-born French physicist who was the first woman to win a Nobel Prize.





DECEMBER 2014

				1	1		
S		M	Τ	W	Th	F	S
		1	2	3	4	5	<u> </u>
	7	8	9	10	11	12	13
Pearl Rememb	Harbor rance Day		Grace Hopper's Birthday (1906)				
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
First Day	of Winter			Christmas Eve	Christmas		
	28	29	30	31			
				New Year's Eve			



